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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Clifford A. Lingwood,
Hannah Farkas-Hinsley, and Richard Hill

Serial No.: 09/632,056

Filed: August 3, 2000

For: Verotoxin Pharmaceutical Compositions and
Medical Treatments Therewith

Attorney Docket No.: STI-201CN2

Group Art Unit: 1653

Examiner: Gabriele Bugaisky

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Commissioner for Patents
Washington, D.C. 20231

CERTIFICATION UNDER 37 CFR 1.10

Date of Deposit: March 31, 2003

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I hereby certify that this 37 CFR 1.53(b) request and the documents referred to as attached therein are being deposited with the United States Postal Service on the date indicated above in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR 1.10 and addressed to the Commissioner for Patents, Washington, D.C. 20231.

Viriato G. Cardoso
Name of Person Mailing Paper


Signature of Person Mailing Paper

AMENDMENT AND RESPONSE

Dear Sir:

This is in response to the Office Action mailed from the U.S. Patent and Trademark Office on September 30, 2002 (Paper No. 4) for the above referenced patent application. A request for a three month extension of time and the requisite fee are filed concurrently herewith. Please amend the application as follows:

In the Claims:

Please cancel claims 12 and 13.

Please amend claim 11, as follows:

B1
11. [Amended] A method for killing cancer cells from a patient, comprising obtaining said cells from said patient, contacting said cells with a verotoxin *in vitro*, such that said cells are killed, wherein said cells are Gb₃ positive.

Please add new claims 21-25, as follows:

21. [New] A method for killing cancer cells from a patient, comprising obtaining said cells from said patient, contacting said cells with a verotoxin, such that said cells are killed, wherein said cells are Gb₃ positive and multidrug resistant.

22. [New] The method of claim 21, wherein said cells are contacted with said verotoxin *in vitro*.

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23. [New] A method for killing Gb₃ positive cells from a breast, ovarian, brain, or skin tumor in a patient, comprising obtaining said cells from said patient, contacting said cells with a verotoxin, such that said cells are killed.

24. [New] The method of claim 23, wherein said cells are contacted with said verotoxin *in vitro*.

25. [New] The method of claim 23, wherein said cells are multidrug resistant.